

Listing of the Claims

1. (Currently Amended) An RF system for a magnetic resonance imaging device (13), comprising an RF transmitter coil subsystem and an RF receiver coil subsystem (18), ~~characterized in that~~ wherein the RF receiver coil subsystem (18) comprises at least one first coil-like element (19) and at least one second coil-like element (20), wherein the or each first coil-like element (19) is assigned to a main magnet system (15) of the magnetic resonance imaging device (13), and wherein the or each second coil-like element (20) is assigned to an object (14) to be analyzed by the magnetic resonance imaging device (13).
2. (Currently Amended) An RF system according to claim 1, ~~characterized in that~~ wherein the or each first coil-like element (19) is positioned below, preferably directly below, a support or bed (17) on which the object (14) to be analyzed is placed.
3. (Currently Amended) An RF system according to claim 2, ~~characterized in that~~ wherein the or each first coil-like element (19) is designed as part of a built-in system body coil.
4. (Currently Amended) An RF system according to claim 2, ~~characterized in that~~ wherein the or each first coil-like element (19) is attached to the main magnet system (15) of the magnetic resonance imaging device, in a way that a relative movement between said support or bed (17) and the or each first coil-like element (19) is possible.
5. (Currently Amended) An RF system according to claim 4, ~~characterized in that~~ wherein the or each first coil-like element (19) is fixedly attached to said main magnet system (15), in a way that the support or bed (17) is movable relative to the or each fixed first coil-like element (19).
6. (Currently Amended) An RF system according to claim 4, ~~characterized in that~~ wherein the or each first coil-like element (19) is movably attached to the main magnet system (15), in a way that the support or bed (17) is movable relative to the or each first coil-like element (19) and that the or each first coil-like element (19) is movable relative to the main magnet system (15).

7. (Currently Amended) An RF system according to claim 1, ~~characterized in that~~ wherein the or each second coil-like element (20) is positioned above, preferably directly above, the object (14) to be analyzed by the magnetic resonance imaging device.

8. (Currently Amended) An RF system according to claim 7, ~~characterized in that~~ wherein the or each second coil-like element (20) is attached to the object (14) to be analyzed, in a way that the or each second coil-like element (20) is movable together with the object (14) to be analyzed.

9. (Currently Amended) An RF system according to claim 8, ~~characterized in that~~ wherein the or each second coil-like element (20) is movable together with a support or bed (17) on which the object (14) to be analyzed is placed relative to the or each first coil-like element (19).

10. (Currently Amended) An RF system according to claim 7, ~~characterized in that~~ wherein the or each second coil-like element (20) is designed as a wearable unit, wherein said wearable unit is attachable to the object (14) to be analyzed, outside the magnetic resonance imaging device and before MRI analysis.

11. (Currently Amended) A magnetic resonance imaging device (13), comprising a main magnet system (15), a gradient coil system, an RF system and a signal processing system, said RF system comprising an RF transmitter coil subsystem and an RF receiver coil subsystem (18), ~~characterized in that~~ wherein the RF receiver coil subsystem (18) comprises at least one first coil-like element (19) and at least one second coil-like element (20), wherein the or each first coil-like element (19) is assigned to the main magnet system (15), and wherein the or each second coil-like element (20) is assigned to an object (14) to be analyzed by the magnetic resonance imaging device (13).

12. (Currently Amended) A magnetic resonance imaging device (13) according to claim 11, ~~characterized in that~~ wherein the RF system is an RF system according to any one of the preceding claims 2 to 10.